

# **Descriptive Statistics and Correlation Tables for California's 2007 School Characteristics Index and Similar Schools Ranks**

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**2007 Supplement to the Public Schools Accountability Act  
Technical Report 00-1**

**By the Technical Design Group of the  
Advisory Committee for the  
Public Schools Accountability Act of 1999**

**California Department of Education  
Policy and Evaluation Division  
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This document provides the descriptive statistics, regression coefficients, and correlation tables for elementary, middle, and high schools specific to the 2007 Base API Similar School Rank (SSR) calculations. Using the updated regression coefficients, the 2007 School Characteristic Index (SCI) can be calculated and 2007 SSR can be determined.

## **1999 Similar Schools Ranks**

In April of 2000, the Technical Design Group (TDG) of the Advisory Committee for the Public Schools Accountability Act (PSAA) of 1999 completed a report describing the construction and interpretation of the Academic Performance Index (API) decile ranks relative to schools with similar characteristics required by the PSAA. The *PSAA Technical Report 00-1* focused on the 1999 similar schools ranks (SSRs) published in April 2000. The report included seven sections:

1. A summary of the PSAA legislation pertaining to similar schools
2. The definitions and data sources for the similar characteristics defined in law
3. A description of the review and analyses undertaken by the TDG
4. A description of the approach adopted for determining SSRs
5. A discussion of the interpretation of decile ranks
6. Questions and answers about the SSRs
7. Appendices:
  - Listing of TDG members and their affiliations
  - Graphic displays illustrating the calculation of the SSRs
  - Tables showing the descriptive statistics for elementary, middle, and high schools
  - Tables showing the correlations for elementary, middle, and high schools

Additional information concerning the *PSAA Technical Report 00-1*, is available in the *Construction of California's 1999 School Characteristics Index and Similar Schools Ranks* on the 1999 Base API and 1999-00 Growth API Web page at <http://www.cde.ca.gov/ta/ac/ap/api9900.asp> or you may contact the Academic Accountability Unit of the Policy and Evaluation Division at 916-319-0863 or by e-mail at [aau@cde.ca.gov](mailto:aau@cde.ca.gov).

## **2007 Similar Schools Ranks**

The 2007 SSRs were calculated following the same principles that were employed for the original 1999-00 calculations. For a description of the SSRs methodology, please refer to the *PSAA Technical Report 00-1*. Note that sources for some of the data elements included in these calculations have changed. Please refer to pages 62

through 66 of the *2007-08 Academic Performance Index Report Information Guide* currently available on the API Web page at <http://www.cde.ca.gov/ta/ac/ap/>.

In 2005, six new factors were added to calculate the School Characteristics Index. These factors cover grade span enrollments, percent of students in the gifted and talented education program (GATE), percent of students with disabilities, percent of reclassified fluent-English

proficient students (which is combined with English learners), percent of students in migrant education programs, and percent of students in full-day-reduced class size. In 2006, the full-day-reduced class size factor was not available, therefore, was dropped from the 2007 calculation.

This information supplements Appendices C and D of the *PSAA Technical Report 00-1*. Regression coefficients comprise the rightmost columns of Appendix C.

**Appendix C**  
**EL and RFEPC Combined**  
**Descriptive Statistics for Elementary Schools**  
**(5265 schools, weighted by the number of tests contributing to the API)**

	Ranges				Central Tendency		Measures of Dispersion		Correlation with API	Coefficient <sup>a</sup>	
	Theoretical		Actual				standard deviation	variance		Model 1 <sup>b</sup>	Model 2 <sup>b</sup>
	min	max	min	max	mean	median					
<b>Socioeconomic Indicators</b>											
Average Parent Education	1	5	1.00	5.00	2.71	2.61	0.78	0.61	0.84	4.2923	n/a
% of Pupils Participating in Free or Reduced Price Lunch Program	0	100	0.00	100.00	55.64	60.00	31.49	991.80	-0.84	-0.0816	-0.1417
<b>English Learners (EL)</b>											
% of Pupils Classified as EL & Reclassified fluent-English-proficient (R-FEP)	0	100	0.00	99.55	37.83	34.55	25.25	637.32	-0.65	-0.0494	-0.0786
<b>Racial/Ethnic Groups</b>											
% African American (not of Hispanic origin)	0	100	0.00	99.50	7.25	3.56	10.26	105.35	-0.21	1.5616	1.7414
% American Indian or Alaska Native	0	100	0.00	91.18	0.79	0.39	2.21	4.87	-0.04	1.3842	1.5654
% Asian	0	100	0.00	94.82	8.50	3.36	13.43	180.49	0.42	1.7805	1.9979
% Filipino	0	100	0.00	70.26	2.79	1.34	4.73	22.39	0.14	1.6673	1.8570
% Hispanic or Latino	0	100	0.00	100.00	50.56	49.68	30.26	915.93	-0.71	1.6628	1.8308
% Pacific Islander	0	100	0.00	20.93	0.65	0.33	1.03	1.06	-0.02	1.5613	1.6486
% White (not of Hispanic origin)	0	100	0.00	99.40	28.45	20.18	26.21	687.11	0.65	1.6913	1.8734
% Multiple or No Response	0	100	0.00	91.98	1.01	0.25	2.09	4.35	0.16	1.5680	1.7628
<b>Teacher Credentials</b>											
% of Teachers with Full Credentials	0	100	18.00	100.00	97.56	100.00	4.54	20.65	0.18	0.0385	0.0287
% of Teachers with Emergency Credentials	0	100	0.00	71.00	2.52	0.00	4.84	23.40	-0.17	-0.0385	-0.0287
<b>Year Round</b>											
Year Round Indicator	0	1	0.00	1.00	0.13	0.00	0.34	0.12	-0.17	-0.3054	-0.8455
<b>School Mobility</b>											
% of Pupils First Attending This School in Current Year	0	100	0.00	54.36	6.97	6.48	4.23	17.89	-0.49	-0.2154	-0.2748
<b>Class Size</b>											
Average, Grades K-3	1	*	4.00	36.00	19.77	20.00	1.81	3.26	0.05	0 <sup>a</sup>	0 <sup>a</sup>
Average, Grades 4-6	1	*	3.00	40.00	28.97	29.00	3.05	9.33	0.12	-0.0620	-0.0769
Average, Core Academic Courses in Departmentalized Programs	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<b>Parent Education Response</b>											
% of Pupils with Parent Education Data	0	100	0.00	100.00	80.52	89.52	23.50	552.23	n/a	n/a	n/a
<b>Newly Added Variables</b>											
<b>Grade Enrollment</b>											
% of Grade 2 Enrollment	0	100	0.00	100.00	21.88	22.22	7.56	57.14	-0.04	0 <sup>a</sup>	0 <sup>a</sup>
% of Grades 3-5 Enrollment	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
% of Grade 6 Enrollment	0	100	0.00	100.00	9.80	9.32	10.58	111.97	-0.03	-0.0355	-0.0364
% of Grades 7-8 Enrollment	0	100	0.00	76.29	3.32	0.00	9.77	95.50	-0.05	-0.0587	-0.0684
% of Grades 9-11 Enrollment	0	100	0.00	35.32	0.17	0.00	2.07	4.28	-0.05	-0.3837	-0.3327
<b>Gifted and Talented Education (GATE) Program</b>											
% of Students in GATE	0	100	0.00	100.00	7.58	5.60	8.04	64.62	0.38	0.1343	0.1490
<b>Disability</b>											
% of Students with Disabilities	0	100	0.00	32.04	9.90	9.62	3.81	14.49	0.03	-0.0971	-0.0929
<b>Migrant Education (Ed) Program</b>											
% of Students in Migrant Ed	0	100	0.00	97.53	2.51	0.00	6.73	45.29	-0.33	-0.1260	-0.1354

\* There is no theoretical maximum value for average class size.

<sup>a</sup> Certain variables are excluded from the model. See discussion beginning on p.10 of the PSAA Technical Report 00-1.

<sup>b</sup> Model 1 includes the parent education variable, Model 2 does not.

<sup>c</sup> A definition of this variable is provided on p.3 of the PSAA Technical Report 00-1.

<sup>d</sup> These variables were added in 2006. A variable in this group can only enter the model when it is significant at p <=0.05.

**Note:** Data exclude schools with fewer than 100 valid test scores. Also excluded are schools serving non-traditional student populations (such as schools under the jurisdiction of a county board of education or county superintendent of schools, community day schools, and alternative schools, including continuation schools) unless these schools specifically elected to participate in the main Academic Performance Index accountability system. Charter schools serving a traditional student population with 100 or more valid test scores are included.

"n/a" means not applicable.

**Appendix C**  
**EL and RFEP Combined**  
**Descriptive Statistics for Middle Schools**  
**(1291 schools, weighted by the number of tests contributing to the API)**

	Ranges				Central Tendency		Measures of Dispersion		Correlation with API	Coefficient <sup>a</sup>	
	Theoretical		Actual		mean	median	standard deviation	variance		Model 1 <sup>b</sup>	Model 2 <sup>b</sup>
	min	max	min	max							
<b>Socioeconomic Indicators</b>											
Average Parent Education <sup>c</sup>	1	5	1.21	5.00	2.69	2.60	0.74	0.55	0.85	5.8833	n/a
% of Pupils Participating in Free or Reduced Price Lunch Program	0	100	0.00	100.00	51.13	53.40	28.59	817.26	-0.84	-0.0759	-0.1553
<b>English Learners (EL)</b>											
% of Pupils Classified as EL & Reclassified fluent English proficient (R-FEP)	0	100	0.00	97.60	37.85	33.70	23.99	575.73	-0.68	-0.0468	-0.0795
<b>Racial/Ethnic Groups</b>											
% African American (not of Hispanic origin)	0	100	0.00	95.60	7.74	4.08	9.57	91.59	-0.32	1.3725	1.6081
% American Indian or Alaska Native	0	100	0.00	48.42	0.71	0.43	1.40	1.97	0.00	1.2145	1.2731
% Asian	0	100	0.00	81.04	8.54	3.85	12.63	159.59	0.39	1.6525	1.9095
% Filipino	0	100	0.00	46.87	2.77	1.40	4.27	18.25	0.08	1.4614	1.6992
% Hispanic or Latino	0	100	0.00	99.53	49.64	48.83	28.61	818.55	-0.71	1.4998	1.6981
% Pacific Islander	0	100	0.00	13.67	0.65	0.40	0.91	0.83	-0.09	1.5461	1.5156
% White (not of Hispanic origin)	0	100	0.00	97.48	29.14	22.23	25.17	633.38	0.68	1.5389	1.7744
% Multiple or No Response	0	100	0.00	16.55	0.81	0.25	1.42	2.02	0.22	1.4690	1.6899
<b>Teacher Credentials</b>											
% of Teachers with Full Credentials	0	100	17.00	100.00	93.11	95.00	7.76	60.23	0.35	0.0903	0.0830
% of Teachers with Emergency Credentials	0	100	0.00	45.00	6.43	3.00	8.91	79.43	-0.35	-0.0903	-0.0830
<b>Year Round</b>											
Year Round Indicator <sup>c</sup>	0	1	0.00	1.00	0.06	0.00	0.24	0.06	-0.12	-1.6978	-1.6769
<b>School Mobility</b>											
% of Pupils First Attending This School in Current Year	0	100	0.00	32.91	6.21	5.75	3.64	13.23	-0.59	-0.2758	-0.3570
<b>Class Size</b>											
Average, Grades K-3	n/a	n/a	17	20	19.41	20	0.96	0.93	-0.76	n/a	n/a
Average, Grades 4-6	1	*	3.00	50.00	29.47	30.00	3.51	12.33	0.07	0 <sup>a</sup>	0 <sup>a</sup>
Average, Core Academic Courses in Departmentalized Programs	1	*	5.00	45.00	28.70	29.00	2.98	8.86	0.13	0 <sup>a</sup>	0 <sup>a</sup>
<b>Parent Education Response</b>											
% of Pupils with Parent Education Data	0	100	0.00	100.00	80.45	87.15	19.99	399.65	n/a	n/a	n/a
<b>Newly Added Variables<sup>d</sup></b>											
<b>Grade Enrollment</b>											
% of Grade 2 Enrollment	0	100	0.00	15.63	0.03	0.00	0.46	0.21	-0.03	0 <sup>a</sup>	0 <sup>a</sup>
% of Grades 3-5 Enrollment	0	100	0.00	51.77	1.11	0.00	5.62	31.56	0.05	0.0601	0.0593
% of Grade 6 Enrollment	0	100	0.00	68.18	22.99	31.10	14.27	203.70	0.01	0.0277	0.0350
% of Grades 7-8 Enrollment	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
% of Grades 9-11 Enrollment	0	100	0.00	37.99	0.43	0.00	3.44	11.83	-0.04	0 <sup>a</sup>	0.0819
<b>Gifted and Talented Education (GATE) Program</b>											
% of Students in GATE	0	100	0.00	100.00	12.54	10.58	10.12	102.33	0.43	0.0734	0.1079
<b>Disability</b>											
% of Students with Disabilities	0	100	0.00	24.03	9.80	9.78	2.71	7.37	-0.23	-0.2846	-0.2756
<b>Migrant Education (Ed) Program</b>											
% of Students in Migrant Ed	0	100	0.00	96.63	2.30	0.00	6.31	39.86	-0.22	0 <sup>a</sup>	0 <sup>a</sup>

\* There is no theoretical maximum value for average class size.

<sup>a</sup> Certain variables are excluded from the model. See discussion beginning on p.10 of the PSAA Technical Report 00-1.

<sup>b</sup> Model 1 includes the parent education variable, Model 2 does not.

<sup>c</sup> A definition of this variable is provided on p.3 of the PSAA Technical Report 00-1.

<sup>d</sup> These variables were added in 2006. A variable in this group can only enter the model when it is significant at p <=0.05.

**Note:** Data exclude schools with fewer than 100 valid test scores. Also excluded are schools serving non-traditional student populations (such as schools under the jurisdiction of a county board of education or county superintendent of schools, community day schools, and alternative schools, including continuation schools) unless these schools specifically elected to participate in the main Academic Performance Index accountability system. Charter schools serving a traditional student population with 100 or more valid test scores are included.

"n/a" means not applicable.

**Appendix C**  
**EL and RFEP Combined**  
**Descriptive Statistics for High Schools**  
**(1094 schools, weighted by the number of tests contributing to the API)**

	Ranges				Central Tendency		Measures of Dispersion		Correlation with API	Coefficient <sup>a</sup>	
	Theoretical		Actual		mean	median	standard deviation	variance		Model 1 <sup>b</sup>	Model 2 <sup>b</sup>
	min	max	min	max							
<b>Socioeconomic Indicators</b>											
Average Parent Education <sup>c</sup>	1	5	1.00	4.70	2.81	2.78	0.68	0.46	0.78	6.9450	n/a
% of Pupils Participating in Free or Reduced Price Lunch Program	0	100	0.00	100.00	39.04	37.18	25.23	636.50	-0.67	-0.0227	-0.0984
<b>English Learners (EL)</b>											
% of Pupils Classified as EL & Reclassified fluent-English-proficient (R-FEP)	0	100	0.00	99.63	32.88	29.07	22.63	512.27	-0.52	-0.0344	-0.0681
<b>Racial/Ethnic Groups</b>											
% African American (not of Hispanic origin)	0	100	0.00	94.19	7.35	3.96	9.03	81.61	-0.34	1.2837	1.5461
% American Indian or Alaska Native	0	100	0.00	72.25	0.83	0.49	1.60	2.55	-0.02	1.0491	1.1257
% Asian	0	100	0.00	77.30	9.69	4.74	13.34	177.90	0.38	1.5926	1.8887
% Filipino	0	100	0.00	44.52	3.07	1.64	4.48	20.03	0.10	1.3980	1.6921
% Hispanic or Latino	0	100	0.70	99.75	43.57	39.31	26.91	723.94	-0.61	1.4584	1.6724
% Pacific Islander	0	100	0.00	7.94	0.68	0.44	0.84	0.71	-0.04	1.2450	1.3699
% White (not of Hispanic origin)	0	100	0.00	98.28	33.73	30.00	25.40	645.26	0.57	1.4967	1.7795
% Multiple or No Response	0	100	0.00	19.56	1.09	0.50	1.58	2.48	0.01	1.5283	1.6529
<b>Teacher Credentials</b>											
% of Teachers with Full Credentials	0	100	0.00	100.00	92.59	94.00	7.48	56.02	0.33	0.0548	0.0546
% of Teachers with Emergency Credentials	0	100	0.00	100.00	5.98	3.00	7.92	62.69	-0.34	-0.0548	-0.0546
<b>Year Round</b>											
Year Round Indicator <sup>c</sup>	0	1	0.00	1.00	0.04	0.00	0.19	0.04	-0.16	-3.2124	-3.0817
<b>School Mobility</b>											
% of Pupils First Attending This School in Current Year	0	100	0.00	73.15	6.07	5.18	5.06	25.61	-0.45	-0.2764	-0.3595
<b>Class Size</b>											
Average, Grades K-3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Average, Grades 4-6	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Average, Core Academic Courses in Departmentalized Programs	1	*	5	36	28.31	29	3.14	9.86	0.17	0 <sup>d</sup>	0 <sup>a</sup>
<b>Parent Education Response</b>											
% of Pupils with Parent Education Data	0	100	0.00	100.00	78.89	86.52	21.56	464.68	n/a	n/a	n/a
<b>Newly Added Variables</b>											
<b>Grade Enrollment</b>											
% of Grade 2 Enrollment	0	100	0.00	8.10	0.08	0.00	0.70	0.50	-0.06	-0.9159	-0.9491
% of Grades 3-5 Enrollment	0	100	0.00	26.63	0.28	0.00	2.31	5.32	-0.06	0 <sup>d</sup>	0 <sup>a</sup>
% of Grade 6 Enrollment	0	100	0.00	31.86	0.26	0.00	1.78	3.19	-0.02	0 <sup>d</sup>	0 <sup>a</sup>
% of Grades 7-8 Enrollment	0	100	0.00	49.65	1.30	0.00	6.39	40.79	-0.01	0.08264	0.1223
% of Grades 9-11 Enrollment	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<b>Gifted and Talented Education (GATE) Program</b>											
% of Students in GATE	0	100	0.00	100.00	12.22	10.20	9.93	98.55	0.43	0.0662	0.1003
<b>Disability</b>											
% of Students with Disabilities	0	100	0.00	22.84	8.73	8.62	2.64	6.96	-0.22	-0.4333	-0.5702
<b>Migrant Education (Ed) Program</b>											
% of Students in Migrant Ed	0	100	0.00	97.80	2.10	0.06	5.48	30.04	-0.17	-0.0860	-0.0947

\* There is no theoretical maximum value for average class size.

<sup>a</sup> Certain variables are excluded from the model. See discussion beginning on p.10 of the PSAA Technical Report 00-1.

<sup>b</sup> Model 1 includes the parent education variable, Model 2 does not.

<sup>c</sup> A definition of this variable is provided on p.3 of the PSAA Technical Report 00-1.

<sup>d</sup> These variables were added in 2006. A variable in this group can only enter the model when it is significant at p <=0.05.

**Note:** Data exclude schools with fewer than 100 valid test scores. Also excluded are schools serving non-traditional student populations (such as schools under the jurisdiction of a county board of education or county superintendent of schools, community day schools, and alternative schools, including continuation schools) unless these schools specifically elected to participate in the main Academic Performance Index accountability system. Charter schools serving a traditional student population with 100 or more valid test scores are included.

"n/a" means not applicable.

**Appendix D**  
**Correlation for Elementary Schools**  
**(5265 schools, weighted by the number of tests contributing to API)**

Statistics	API	Average Parent Education	% of Pupils Participating in Free or Reduced Lunch	% of EL Plus R-FEP	% African American (not of Hispanic origin)	% American Indian or Alaska Native	% Asian	% Filipino	% Hispanic or Latino	% Pacific Islander	% White (not of Hispanic origin)	% Multiple or No Response	
<b>API</b>	<b>r</b>	1	0.8576	-0.8499	-0.6850	-0.1926	-0.0215	0.4491	0.1651	-0.7535	0.0057	0.6715	0.1946
	<b>p</b>		<.0001	<.0001	<.0001	<.0001	0.1181	<.0001	<.0001	<.0001	0.6820	<.0001	<.0001
	<b>N</b>	5265	5147	5265	5265	5265	5265	5265	5265	5265	5265	5265	5265
<b>Average Parent Education</b>	<b>r</b>	0.8576	1	-0.9099	-0.7910	-0.0610	0.0198	0.4077	0.1870	-0.8494	0.0460	0.7387	0.2502
	<b>p</b>		<.0001		<.0001	<.0001	0.1552	<.0001	<.0001	<.0001	0.0010	<.0001	<.0001
	<b>N</b>	5147	5147	5147	5147	5147	5147	5147	5147	5147	5147	5147	5147
<b>% of Pupils Participating in Free or Reduced Lunch</b>	<b>r</b>	-0.8499	-0.9099	1	0.8082	0.1560	-0.0176	-0.3310	-0.1919	0.8326	-0.0392	-0.7940	-0.2647
	<b>p</b>		<.0001	<.0001		<.0001	<.0001	0.2010	<.0001	<.0001	0.0045	<.0001	<.0001
	<b>N</b>	5265	5147	5265	5265	5265	5265	5265	5265	5265	5265	5265	5265
<b>% of EL Plus R-FEP</b>	<b>r</b>	-0.6850	-0.7910	0.8082	1	-0.1249	-0.1805	-0.0945	-0.1114	0.8256	-0.0658	-0.7984	-0.2453
	<b>p</b>		<.0001	<.0001	<.0001		<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001
	<b>N</b>	5265	5147	5265	5265	5265	5265	5265	5265	5265	5265	5265	5265
<b>% African American (not of Hispanic origin)</b>	<b>r</b>	-0.1926	-0.0610	0.1560	-0.1249	1	-0.0332	-0.0743	0.0911	-0.1301	0.2170	-0.2281	0.0330
	<b>p</b>		<.0001	<.0001	<.0001		0.0160	<.0001	<.0001	<.0001	<.0001	<.0001	0.0165
	<b>N</b>	5265	5147	5265	5265	5265	5265	5265	5265	5265	5265	5265	5265
<b>% American Indian or Alaska Native</b>	<b>r</b>	-0.0215	0.0198	-0.0176	-0.1805	-0.0332	1	-0.0614	-0.0392	-0.1610	-0.0049	0.1530	0.0053
	<b>p</b>		0.1181	0.1552	0.2010	<.0001	0.0160		<.0001	0.0044	<.0001	0.7247	<.0001
	<b>N</b>	5265	5147	5265	5265	5265	5265	5265	5265	5265	5265	5265	5265
<b>% Asian</b>	<b>r</b>	0.4491	0.4077	-0.3310	-0.0945	-0.0743	-0.0614	1	0.1632	-0.4411	0.0457	-0.0071	0.0851
	<b>p</b>		<.0001	<.0001	<.0001	<.0001	<.0001	<.0001		<.0001	<.0001	0.0009	0.6082
	<b>N</b>	5265	5147	5265	5265	5265	5265	5265	5265	5265	5265	5265	5265
<b>% Filipino</b>	<b>r</b>	0.1651	0.1870	-0.1919	-0.1114	0.0911	-0.0392	0.1632	1	-0.2081	0.3108	-0.0701	0.0205
	<b>p</b>		<.0001	<.0001	<.0001	<.0001	<.0001	<.0001		<.0001	<.0001	<.0001	0.1366
	<b>N</b>	5265	5147	5265	5265	5265	5265	5265	5265	5265	5265	5265	5265
<b>% Hispanic or Latino</b>	<b>r</b>	-0.7535	-0.8494	0.8326	0.8256	-0.1301	-0.1610	-0.4411	-0.2081	1	-0.1409	-0.7978	-0.2903
	<b>p</b>		<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001		<.0001	<.0001	<.0001
	<b>N</b>	5265	5147	5265	5265	5265	5265	5265	5265	5265	5265	5265	5265
<b>% Pacific Islander</b>	<b>r</b>	0.0057	0.0460	-0.0392	-0.0658	0.2170	-0.0049	0.0457	0.3108	-0.1409	1	-0.0419	0.0135
	<b>p</b>		0.6820	0.0010	0.0045	<.0001	<.0001	0.7247	0.0009	<.0001	<.0001	0.0024	0.3291
	<b>N</b>	5265	5147	5265	5265	5265	5265	5265	5265	5265	5265	5265	5265
<b>% White (not of Hispanic origin)</b>	<b>r</b>	0.6715	0.7387	-0.7940	-0.7984	-0.2281	0.1530	-0.0071	-0.0701	-0.7978	-0.0419	1	0.1943
	<b>p</b>		<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.0024		<.0001
	<b>N</b>	5265	5147	5265	5265	5265	5265	5265	5265	5265	5265	5265	5265
<b>% Multiple or No Response</b>	<b>r</b>	0.1946	0.2502	-0.2647	-0.2453	0.0330	0.0053	0.0851	0.0205	-0.2903	0.0135	0.1943	1
	<b>p</b>		<.0001	<.0001	<.0001	<.0001	0.0165	0.7026	<.0001	0.1366	<.0001	0.3291	<.0001
	<b>N</b>	5265	5147	5265	5265	5265	5265	5265	5265	5265	5265	5265	5265

**Note:** Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r-top), its statistical significance (P-middle), and the total number of cases (N-bottom).

**Appendix D**  
**Correlation for Elementary Schools (continued)**  
**(5265 schools, weighted by the number of tests contributing to API)**

		Statistics	API	Average Parent Education	% of Pupils Participating in Free or Reduced Lunch	% of EL Plus R+EP	% African American (not of Hispanic origin)	% American Indian or Alaska Native	% Asian	% Filipino	% Hispanic or Latino	% Pacific Islander	% White (not of Hispanic origin)	% Multiple or No Response
% of Teachers with Full Credentials	r	0.1972	0.1462	-0.1531	-0.1086	-0.2179	0.0487	0.1023	0.0510	-0.1352	-0.0095	0.1758	0.0034	
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.0004	<.0001	0.0002	<.0001	0.4899	<.0001	0.8060	
	N	5263	5145	5263	5263	5263	5263	5263	5263	5263	5263	5263	5263	
% of Teachers with Emergency Credentials	r	-0.2113	-0.1969	0.2310	0.1963	0.2022	-0.0518	-0.1239	-0.0167	0.2028	-0.0481	-0.2311	-0.1191	
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.0002	<.0001	0.2269	<.0001	0.0005	<.0001	<.0001	
	N	5263	5145	5263	5263	5263	5263	5263	5263	5263	5263	5263	5263	
Year Round Indicator	r	-0.2019	-0.2041	0.2050	0.2282	0.0302	-0.0606	-0.0965	-0.0379	0.2220	-0.0261	-0.2005	-0.0661	
	p	<.0001	<.0001	<.0001	<.0001	0.0284	<.0001	<.0001	0.0059	<.0001	0.0586	<.0001	<.0001	
	N	5263	5147	5265	5265	5265	5265	5265	5265	5265	5265	5265	5265	
% of Pupils First Attending This School in Current Year	r	-0.5044	-0.4461	0.4348	0.2216	0.2339	0.0353	-0.2407	-0.0791	0.3081	0.0248	-0.3094	-0.0527	
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.0103	<.0001	<.0001	<.0001	0.0721	<.0001	0.0001	
	N	5263	5147	5265	5265	5265	5265	5265	5265	5265	5265	5265	5265	
Class Size K-3	r	0.0394	0.0321	-0.0365	-0.0086	-0.0152	-0.0601	0.0227	-0.0249	0.0128	-0.0207	-0.0131	0.0378	
	p	0.0045	0.0224	0.0086	0.5378	0.2748	<.0001	0.1030	0.0734	0.3575	0.1367	0.3451	0.0065	
	N	5183	5066	5183	5183	5183	5183	5183	5183	5183	5183	5183	5183	
Class Size 4-6	r	0.1458	0.0994	-0.1527	-0.0812	-0.1177	-0.0845	0.1308	0.0926	-0.0628	-0.0071	0.0432	-0.0152	
	p	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.6124	0.0020	0.2754	
	N	5129	5014	5129	5129	5129	5129	5129	5129	5129	5129	5129	5129	
% of Grade 2 Enrollment	r	-0.0714	-0.1067	0.1280	0.1520	0.0044	-0.0586	-0.0742	-0.0237	0.1478	-0.0012	-0.1253	0.0032	
	p	<.0001	<.0001	<.0001	<.0001	0.7515	<.0001	<.0001	0.0862	<.0001	0.9299	<.0001	0.8165	
	N	5263	5147	5265	5265	5265	5265	5265	5265	5265	5265	5265	5265	
% of Grade 6 Enrollment	r	0.0031	0.0320	-0.0539	-0.0775	-0.0490	0.0375	0.0672	0.0227	-0.0660	0.0107	0.0581	-0.0603	
	p	0.8229	0.0219	<.0001	<.0001	0.0004	0.0065	<.0001	0.0999	<.0001	0.4378	<.0001	<.0001	
	N	5263	5147	5265	5265	5265	5265	5265	5265	5265	5265	5265	5265	
% of Grades 7-8 Enrollment	r	-0.0330	0.0384	-0.0557	-0.0969	0.0263	0.1088	-0.0009	-0.0268	-0.0953	0.0086	0.0935	0.0248	
	p	0.0168	0.0059	<.0001	<.0001	0.0566	<.0001	0.9511	0.0522	<.0001	0.5328	<.0001	0.0721	
	N	5263	5147	5265	5265	5265	5265	5265	5265	5265	5265	5265	5265	
% of Grades 9-11 Enrollment	r	-0.0544	0.0562	-0.0664	-0.0614	-0.0022	0.0095	-0.0218	-0.0222	-0.0545	-0.0107	0.0691	0.1200	
	p	<.0001	<.0001	<.0001	<.0001	0.8744	0.4929	0.1140	0.1080	<.0001	0.4380	<.0001	<.0001	
	N	5263	5147	5265	5265	5265	5265	5265	5265	5265	5265	5265	5265	
% of Students in GATE	r	0.4127	0.3498	-0.3167	-0.2439	-0.0377	-0.0211	0.2031	0.1083	-0.2765	-0.0223	0.2096	0.0419	
	p	<.0001	<.0001	<.0001	<.0001	0.0063	0.1254	<.0001	<.0001	<.0001	0.1065	<.0001	0.0023	
	N	5263	5147	5265	5265	5265	5265	5265	5265	5265	5265	5265	5265	
% of Students with Disabilities	r	0.0299	0.0505	-0.0569	-0.1267	0.0109	0.0742	-0.0886	-0.0251	-0.0887	0.0190	0.1380	0.0396	
	p	0.0299	0.0003	<.0001	<.0001	0.4307	<.0001	<.0001	0.0687	<.0001	0.1679	<.0001	0.0040	
	N	5263	5147	5265	5265	5265	5265	5265	5265	5265	5265	5265	5265	
% of Students in Migrant Ed	r	-0.3246	-0.3129	0.2867	0.3105	-0.1460	-0.0050	-0.1408	-0.1152	0.3190	-0.1121	-0.2059	-0.0941	
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.7183	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	
	N	5263	5147	5265	5265	5265	5265	5265	5265	5265	5265	5265	5265	
School Characteristic Index	r	0.9119	0.9345	-0.9309	-0.7494	-0.2083	-0.0349	0.4906	0.1796	-0.8271	0.0081	0.7383	0.2129	
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.0114	<.0001	<.0001	<.0001	0.5584	<.0001	<.0001	
	N	5263	5147	5265	5265	5265	5265	5265	5265	5265	5265	5265	5265	

Note: Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r-top), its statistical significance (P-middle), and the total number of cases (N-bottom).

**Appendix D**  
**Correlation for Elementary Schools (continued)**  
**(5265 schools, weighted by the number of tests contributing to API)**

		Statistics													
		% of Teachers with Full Credentials	% of Teachers with Emergency Credentials	Year Round Indicator	% of Pupils First Attending This School in Current Year	Class Size K-3	Class Size 4-6	5 of Grade 2 Enrollment	% of Grade 6 Enrollment	% of Grades 7-8 Enrollment	% of Grades 9-11 Enrollment	% of Students in GATE	% of Students with Disabilities	% of Students in Migrant Ed	School Characteristic Index
API	r	0.1972	-0.2113	-0.2019	-0.5044	0.0394	0.1458	-0.0714	0.0031	-0.0330	-0.0544	0.4127	0.0299	-0.3246	0.9119
	p	<.0001	<.0001	<.0001	<.0001	0.0045	<.0001	<.0001	0.8229	0.0168	<.0001	<.0001	0.0299	<.0001	<.0001
	N	5263	5263	5265	5265	5183	5129	5265	5265	5265	5265	5265	5265	5265	5265
Average Parent Education	r	0.1462	-0.1969	-0.2041	-0.4461	0.0321	0.0994	-0.1067	0.0320	0.0384	0.0562	0.3498	0.0505	-0.3129	0.9345
	p	<.0001	<.0001	<.0001	<.0001	0.0224	<.0001	<.0001	0.0219	0.0059	<.0001	<.0001	0.0003	<.0001	<.0001
	N	5145	5145	5147	5147	5066	5014	5147	5147	5147	5147	5147	5147	5147	5147
% of Pupils Participating in Free or Reduced Lunch	r	-0.1531	0.2310	0.2050	0.4348	-0.0365	-0.1527	0.1280	-0.0539	-0.0557	-0.0664	-0.3167	-0.0569	0.2867	-0.9309
	p	<.0001	<.0001	<.0001	<.0001	0.0086	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001
	N	5263	5263	5265	5265	5183	5129	5265	5265	5265	5265	5265	5265	5265	5265
% of EL Plus R-FEP	r	-0.1086	0.1963	0.2282	0.2216	-0.0086	-0.0812	0.1520	-0.0775	-0.0969	-0.0614	-0.2439	-0.1267	0.3105	-0.7494
	p	<.0001	<.0001	<.0001	<.0001	0.5378	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001
	N	5263	5263	5265	5265	5183	5129	5265	5265	5265	5265	5265	5265	5265	5265
% African American (not of Hispanic origin)	r	-0.2179	0.2022	0.0302	0.2339	-0.0152	-0.1177	0.0044	-0.0490	0.0263	-0.0022	-0.0377	0.0109	-0.1460	-0.2083
	p	<.0001	<.0001	0.0284	<.0001	0.2748	<.0001	0.7515	0.0004	0.0566	0.8744	0.0063	0.4307	<.0001	<.0001
	N	5263	5263	5265	5265	5183	5129	5265	5265	5265	5265	5265	5265	5265	5265
% American Indian or Alaskan Native	r	0.0487	-0.0518	-0.0606	0.0353	-0.0601	-0.0845	-0.0586	0.0375	0.1088	0.0095	-0.0211	0.0742	-0.0050	-0.0349
	p	0.0004	0.0002	<.0001	0.0103	<.0001	<.0001	<.0001	0.0065	<.0001	0.4929	0.1254	<.0001	0.7183	0.0114
	N	5263	5263	5265	5265	5183	5129	5265	5265	5265	5265	5265	5265	5265	5265
% Asian	r	0.1023	-0.1239	-0.0965	-0.2407	0.0227	0.1308	-0.0742	0.0672	-0.0009	-0.0218	0.2031	-0.0886	-0.1408	0.4906
	p	<.0001	<.0001	<.0001	<.0001	0.1030	<.0001	<.0001	<.0001	0.9511	0.1140	<.0001	<.0001	<.0001	<.0001
	N	5263	5263	5265	5265	5183	5129	5265	5265	5265	5265	5265	5265	5265	5265
% Filipino	r	0.0510	-0.0167	-0.0379	-0.0791	-0.0249	0.0926	-0.0237	0.0227	-0.0268	-0.0222	0.1083	-0.0251	-0.1152	0.1796
	p	0.0002	0.2269	0.0059	<.0001	0.0734	<.0001	0.0862	0.0999	0.0522	0.1080	<.0001	0.0687	<.0001	<.0001
	N	5263	5263	5265	5265	5183	5129	5265	5265	5265	5265	5265	5265	5265	5265
% Hispanic or Latino	r	-0.1352	0.2028	0.2220	0.3081	0.0128	-0.0628	0.1478	-0.0660	-0.0953	-0.0545	-0.2765	-0.0887	0.3190	-0.8271
	p	<.0001	<.0001	<.0001	<.0001	0.3575	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001
	N	5263	5263	5265	5265	5183	5129	5265	5265	5265	5265	5265	5265	5265	5265
% Pacific Islander	r	-0.0095	-0.0481	-0.0261	0.0248	-0.0207	-0.0071	-0.0012	0.0107	0.0086	-0.0107	-0.0223	0.0190	-0.1121	0.0081
	p	0.4899	0.0005	0.0586	0.0721	0.1367	0.6124	0.9299	0.4378	0.5328	0.4380	0.1065	0.1679	<.0001	0.5584
	N	5263	5263	5265	5265	5183	5129	5265	5265	5265	5265	5265	5265	5265	5265
% White (not of Hispanic origin)	r	0.1758	-0.2311	-0.2005	-0.3094	-0.0131	0.0432	-0.1253	0.0581	0.0935	0.0691	0.2096	0.1380	-0.2059	0.7383
	p	<.0001	<.0001	<.0001	<.0001	0.3451	0.0020	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001
	N	5263	5263	5265	5265	5183	5129	5265	5265	5265	5265	5265	5265	5265	5265
% Multiple or No Response	r	0.0034	-0.1191	-0.0661	-0.0527	0.0378	-0.0152	0.0032	-0.0603	0.0248	0.1200	0.0419	0.0396	-0.0941	0.2129
	p	0.8060	<.0001	<.0001	0.0001	0.0065	0.2754	0.8165	<.0001	0.0721	<.0001	0.0023	0.0040	<.0001	<.0001
	N	5263	5263	5265	5265	5183	5129	5265	5265	5265	5265	5265	5265	5265	5265

Note: Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r-top), its statistical significance (P-middle), and the total number of cases (N-bottom).

**Appendix D**  
**Correlation for Elementary Schools (continued)**  
**(5265 schools, weighted by the number of tests contributing to API)**

		Statistics														
% of Teachers with Full Credentials	r	1	-0.3685	0.0467	-0.0998	-0.0152	0.0768	0.0693	-0.0087	-0.1775	-0.0403	0.0699	0.0704	-0.0717	0.2189	
	p		<.0001	0.0007	<.0001	0.2740	<.0001	<.0001	0.5292	<.0001	0.0034	<.0001	<.0001	<.0001	<.0001	
	N	5263	5263	5263	5263	5183	5129	5263	5263	5263	5263	5263	5263	5263	5263	
% of Teachers with Emergency Credentials	r	-0.3685	1	0.0770	0.0481	-0.0836	-0.1350	0.0580	-0.1722	-0.0017	0.0116	0.0476	0.0260	0.0004	-0.2215	
	p		<.0001		<.0001	0.0005	<.0001	<.0001	<.0001	<.0001	0.9019	0.3990	0.0005	0.0591	0.9792	<.0001
	N	5263	5263	5263	5263	5183	5129	5263	5263	5263	5263	5263	5263	5263	5263	
Year Round Indicator	r	0.0467	0.0770	1	0.0906	-0.0748	-0.0555	0.0406	-0.0263	-0.0616	-0.0270	-0.0864	-0.0356	-0.0818	-0.2102	
	p		0.0007	<.0001		<.0001	<.0001	<.0001	0.0032	0.0561	<.0001	0.0505	<.0001	0.0097	<.0001	<.0001
	N	5263	5263	5265	5265	5183	5129	5265	5265	5265	5265	5265	5265	5265	5265	
% of Pupils First Attending This School in Current Year	r	-0.0998	0.0481	0.0906	1	0.0559	-0.0938	0.0052	0.0749	-0.0112	0.1694	-0.2936	-0.0021	0.0996	-0.5567	
	p		<.0001	0.0005	<.0001		<.0001	<.0001	0.7090	<.0001	0.4164	<.0001	<.0001	0.8805	<.0001	<.0001
	N	5263	5263	5265	5265	5183	5129	5265	5265	5265	5265	5265	5265	5265	5265	
Class Size K-3	r	-0.0152	-0.0836	-0.0748	0.0559	1	0.2766	-0.0523	0.0993	-0.0425	-0.0662	0.0080	-0.0852	-0.0363	0.0284	
	p		0.2740	<.0001	<.0001	<.0001		<.0001	0.0002	<.0001	0.022	<.0001	0.5668	<.0001	0.0091	0.0410
	N	5183	5183	5183	5183	5183	5071	5183	5183	5183	5183	5183	5183	5183	5183	
Class Size 4-6	r	0.0768	-0.1350	-0.0555	-0.0938	0.2766	1	-0.0001	0.1033	-0.1097	-0.1204	0.0639	-0.0969	-0.0729	0.1534	
	p		<.0001	<.0001	<.0001	<.0001		<.0001	0.9956	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001
	N	5129	5129	5129	5129	5071	5129	5129	5129	5129	5129	5129	5129	5129	5129	
% of Grade 2 Enrollment	r	0.0693	0.0580	0.0406	0.0052	-0.0523	-0.0001		1	-0.5107	-0.4203	-0.1306	-0.1197	0.0186	0.0317	-0.0725
	p		<.0001	<.0001	0.0032	0.7090	0.0002	0.9956		<.0001	<.0001	<.0001	<.0001	0.1785	0.0213	<.0001
	N	5263	5263	5265	5265	5183	5129	5265	5265	5265	5265	5265	5265	5265	5265	
% of Grade 6 Enrollment	r	-0.0087	-0.1722	-0.0263	0.0749	0.0993	0.1033	-0.5107	1	0.1807	0.0134	0.0050	-0.0596	0.0217	-0.0053	
	p		0.5292	<.0001	0.0561	<.0001	<.0001	<.0001		<.0001	0.3297	0.7148	<.0001	0.1152	0.7009	
	N	5263	5263	5265	5265	5183	5129	5265	5265	5265	5265	5265	5265	5265	5265	
% of Grades 7-8 Enrollment	r	-0.1775	-0.0017	-0.0616	-0.0112	-0.0425	-0.1097	-0.4203	0.1807	1	0.1634	0.0185	-0.1134	0.0296	-0.0388	
	p		<.0001	0.9019	<.0001	0.4164	0.0022	<.0001	<.0001	<.0001	<.0001	0.1791	<.0001	0.0317	0.0049	
	N	5263	5263	5265	5265	5183	5129	5265	5265	5265	5265	5265	5265	5265	5265	
% of Grades 9-11 Enrollment	r	-0.0403	0.0116	-0.0270	0.1694	-0.0662	-0.1204	-0.1306	0.0134	0.1634	1	-0.0461	-0.0958	-0.0113	-0.0647	
	p		0.0034	0.3990	0.0505	<.0001	<.0001	<.0001	<.0001	0.3297	<.0001		0.0008	<.0001	0.4128	<.0001
	N	5263	5263	5265	5265	5183	5129	5265	5265	5265	5265	5265	5265	5265	5265	
% of Students in GATE	r	0.0699	0.0476	-0.0864	-0.2936	0.0080	0.0639	-0.1197	0.0050	0.0185	-0.0461	1	-0.0067	-0.0968	0.4545	
	p		<.0001	0.0005	<.0001	<.0001	0.5668	<.0001	<.0001	0.7148	0.1791	0.0008	0.6259	<.0001	<.0001	
	N	5263	5263	5265	5265	5183	5129	5265	5265	5265	5265	5265	5265	5265	5265	
% of Students with Disabilities	r	0.0704	0.0260	-0.0356	-0.0021	-0.0852	-0.0969	0.0186	-0.0596	-0.1134	-0.0958	-0.0067	1	-0.0762	0.0267	
	p		<.0001	0.0591	0.0097	0.8805	<.0001	<.0001	0.1785	<.0001	<.0001	0.6259		<.0001	0.0524	
	N	5263	5263	5265	5265	5183	5129	5265	5265	5265	5265	5265	5265	5265	5265	
% of Students in Migrant Ed	r	-0.0717	0.0004	-0.0818	0.0996	-0.0363	-0.0729	0.0317	0.0217	0.0296	-0.0113	-0.0968	-0.0762	1	-0.3590	
	p		<.0001	0.9792	<.0001	<.0001	0.0091	<.0001	0.0213	0.1152	0.0317	0.4128	<.0001	<.0001	<.0001	
	N	5263	5263	5265	5265	5183	5129	5265	5265	5265	5265	5265	5265	5265	5265	
School Characteristic Index	r	0.2189	-0.2215	-0.2102	-0.5567	0.0284	0.1534	-0.0725	-0.0053	-0.0388	-0.0647	0.4545	0.0267	-0.3590	1	
	p		<.0001	<.0001	<.0001	<.0001	0.0410	<.0001	<.0001	0.7009	0.0049	<.0001	<.0001	0.0524	<.0001	
	N	5263	5263	5265	5265	5183	5129	5265	5265	5265	5265	5265	5265	5265	5265	

Note: Correlations are bivariate with each observation (school) weighted by the number of valid test scores.  
Each cell contains the correlation (r-top), its statistical significance (P-middle), and the total number of cases (N-bottom).

**Appendix D**  
**Correlation for Middle Schools**  
**(1291 schools, weighted by the number of tests contributing to API)**

		Statistics	API	Average Parent Education	% of Pupils Participating in Free or Reduced Lunch	% of EL Plus R-FEP	% African American (not of Hispanic origin)	% American Indian or Alaska Native	% Asian	% Filipino	% Hispanic or Latino	% Pacific Islander	% White (not of Hispanic origin)	% Multiple or No Response
<b>API</b>	r	1	0.8857	-0.8773	-0.7289	-0.2988	0.0398	0.4672	0.1266	-0.7822	0.0044	0.7294	0.2668	
	p		<.0001	<.0001	<.0001	<.0001	0.1534	<.0001	<.0001	<.0001	0.8741	<.0001	<.0001	
	N	1291	1273	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291	
<b>Average Parent Education</b>	r	0.8857	1	-0.9079	-0.8142	-0.1129	0.0563	0.3945	0.1607	-0.8564	0.0515	0.7729	0.3058	
	p	<.0001		<.0001	<.0001	<.0001	0.0446	<.0001	<.0001	<.0001	0.0663	<.0001	<.0001	
	N	1273	1273	1273	1273	1273	1273	1273	1273	1273	1273	1273	1273	
<b>% of Pupil Participating in Free or Reduced Lunch</b>	r	-0.8773	-0.9079	1.0000	0.8256	0.2156	-0.0618	-0.3182	-0.1799	0.8166	-0.0592	-0.7971	-0.3075	
	p	<.0001	<.0001		<.0001	<.0001	0.0265	<.0001	<.0001	<.0001	0.0333	<.0001	<.0001	
	N	1291	1273	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291	
<b>% of EL Plus R-FEP</b>	r	-0.7289	-0.8142	0.8256	1	-0.0474	-0.2312	-0.1407	-0.0921	0.8304	-0.0761	-0.8056	-0.3273	
	p	<.0001	<.0001	<.0001		0.0884	<.0001	<.0001	0.0009	<.0001	0.0062	<.0001	<.0001	
	N	1291	1273	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291	
<b>% African American (not of Hispanic origin)</b>	r	-0.2988	-0.1129	0.2156	-0.0474	1	-0.0575	-0.0585	0.1171	-0.0759	0.2484	-0.2946	0.0761	
	p	<.0001	<.0001	<.0001	0.0884		0.0387	0.0357	<.0001	0.0064	<.0001	<.0001	0.0063	
	N	1291	1273	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291	
<b>% American Indian or Alaska Native</b>	r	0.0398	0.0563	-0.0618	-0.2312	-0.0575	1	-0.0616	-0.0561	-0.2163	-0.0045	0.2504	0.0388	
	p	0.1534	0.0446	0.0265	<.0001	0.0387		0.0268	0.0437	<.0001	0.8729	<.0001	0.1640	
	N	1291	1273	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291	
<b>% Asian</b>	r	0.4672	0.3945	-0.3182	-0.1407	-0.0585	-0.0616	1	0.1815	-0.4674	0.0873	0.0164	0.0819	
	p	<.0001	<.0001	<.0001	<.0001	0.0357	0.0268		<.0001	<.0001	0.0017	0.5556	0.0032	
	N	1291	1273	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291	
<b>% Filipino</b>	r	0.1266	0.1607	-0.1799	-0.0921	0.1171	-0.0561	0.1815	1	-0.2063	0.4012	-0.0831	0.0148	
	p	<.0001	<.0001	<.0001	0.0009	<.0001	0.0437	<.0001		<.0001	<.0001	0.0028	0.5956	
	N	1291	1273	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291	
<b>% Hispanic or Latino</b>	r	-0.7822	-0.8564	0.8166	0.8304	-0.0759	-0.2163	-0.4674	-0.2063	1	-0.1676	-0.8001	-0.3564	
	p	<.0001	<.0001	<.0001	<.0001	0.0064	<.0001	<.0001	<.0001		<.0001	<.0001	<.0001	
	N	1291	1273	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291	
<b>% Pacific Islander</b>	r	0.0044	0.0515	-0.0592	-0.0761	0.2484	-0.0045	0.0873	0.4012	-0.1676	1	-0.0537	0.0341	
	p	0.8741	0.0663	0.0333	0.0062	<.0001	0.8729	0.0017	<.0001	<.0001		0.0539	0.2203	
	N	1291	1273	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291	
<b>% White (not of Hispanic origin)</b>	r	0.7294	0.7729	-0.7971	-0.8056	-0.2946	0.2504	0.0164	-0.0831	-0.8001	-0.0537	1	0.2728	
	p	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.5556	0.0028	<.0001	0.0539		<.0001	
	N	1291	1273	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291	
<b>% Multiple or No Response</b>	r	0.2668	0.3058	-0.3075	-0.3273	0.0761	0.0388	0.0819	0.0148	-0.3564	0.0341	0.2728	1	
	p	<.0001	<.0001	<.0001	<.0001	0.0063	0.1640	0.0032	0.5956	<.0001	0.2203	<.0001		
	N	1291	1273	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291	

**Note:** Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r-top), its statistical significance (P-middle), and the total number of cases (N-bottom).

**Appendix D**  
**Correlation for Middle Schools (continued)**  
**(1291 schools, weighted by the number of tests contributing to API)**

	Statistics	API	Average Parent Education	% of Pupils Participating in Free or Reduced Lunch	% of EL Plus RFEP	% African American (not of Hispanic origin)	% American Indian or Alaska Native	% Asian	% Filipino	% Hispanic or Latino	% Pacific Islander	% White (not of Hispanic origin)	% Multiple or No Response
% of Teachers with Full Credentials	r	0.4658	0.3755	-0.4124	-0.3383	-0.3868	0.1259	0.1585	0.0738	-0.3341	-0.0269	0.4229	0.1054
	p	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.0080	<.0001	0.3341	<.0001	0.0002
	N	1290	1272	1290	1290	1290	1290	1290	1290	1290	1290	1290	1290
% of Teachers with Emergency Credentials	r	-0.4471	-0.3543	0.4281	0.4433	0.1808	-0.1088	-0.1805	-0.0465	0.3764	-0.0507	-0.3777	-0.2246
	p	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.0950	<.0001	0.0688	<.0001	<.0001
	N	1290	1272	1290	1290	1290	1290	1290	1290	1290	1290	1290	1290
Year Round Indicator	r	-0.2425	-0.2051	0.2059	0.2496	0.0390	-0.0695	-0.1012	-0.0657	0.2068	-0.0735	-0.1757	-0.1010
	p	<.0001	<.0001	<.0001	<.0001	0.1618	0.0125	0.0003	0.0182	<.0001	0.0082	<.0001	0.0003
	N	1291	1273	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291
% of Pupils First Attending This School in Current Year	r	-0.5943	-0.5137	0.5203	0.2808	0.3681	0.0539	-0.2824	-0.0755	0.3647	0.0279	-0.3962	-0.1381
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.0528	<.0001	0.0067	<.0001	0.3165	<.0001	<.0001
	N	1291	1273	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291
Class Size 4 - 6	r	0.0677	0.0277	-0.0549	-0.0077	-0.0112	-0.1153	0.0085	0.0443	0.0305	-0.0739	-0.0281	-0.0648
	p	0.0375	0.3986	0.0917	0.8138	0.7322	0.0004	0.7931	0.1741	0.3495	0.0231	0.3884	0.0466
	N	945	931	945	945	945	945	945	945	945	945	945	945
Core Class Size	r	0.1107	0.0649	-0.1172	-0.0659	-0.0550	-0.1125	0.0358	0.0358	0.0066	-0.0124	-0.0001	-0.0679
	p	<.0001	0.0214	<.0001	0.0186	0.0498	<.0001	0.2022	0.2019	0.8142	0.6575	0.9963	0.0153
	N	1274	1256	1274	1274	1274	1274	1274	1274	1274	1274	1274	1274
% of Grade 2 Enrollment	r	-0.0593	-0.0408	0.0648	0.0604	0.0158	-0.0031	0.0089	-0.0252	0.0383	0.0028	-0.0484	-0.0240
	p	0.0332	0.1458	0.0200	0.0299	0.5699	0.9109	0.7482	0.3653	0.1688	0.9187	0.0824	0.3885
	N	1291	1273	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291
% of Grades 3-5 Enrollment	r	0.0022	-0.0257	0.0503	0.0071	-0.0495	0.0586	-0.0453	-0.0844	0.0199	-0.0204	0.0312	-0.0076
	p	0.9367	0.3599	0.0710	0.7981	0.0755	0.0351	0.1034	0.0024	0.4760	0.4634	0.2622	0.7861
	N	1291	1273	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291
% of Grade 6 Enrollment	r	-0.0195	-0.0122	0.0533	0.0471	0.0852	-0.0200	-0.0670	-0.0204	0.0245	-0.0256	-0.0276	0.1139
	p	0.4833	0.6639	0.0555	0.0909	0.0022	0.4725	0.0160	0.4647	0.3787	0.3584	0.3221	<.0001
	N	1291	1273	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291
% of Grades 9-11 Enrollment	r	-0.0675	-0.0244	0.0852	0.1024	0.0138	-0.0346	-0.0484	0.0610	0.0782	-0.0153	-0.0750	-0.0479
	p	0.0153	0.3837	0.0022	0.0002	0.6202	0.2148	0.0824	0.0285	0.0050	0.5820	0.0070	0.0854
	N	1291	1273	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291
% of Students in GATE	r	0.4760	0.4304	-0.3758	-0.2631	-0.0962	-0.0320	0.3090	0.0957	-0.3460	-0.0392	0.2570	0.0851
	p	<.0001	<.0001	<.0001	<.0001	0.0005	0.2505	<.0001	0.0006	<.0001	0.1590	<.0001	0.0022
	N	1291	1273	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291
% of Students with Disabilities	r	-0.2927	-0.2123	0.2177	0.1540	0.1400	0.1022	-0.1799	-0.0257	0.1287	0.0538	-0.1130	0.0084
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.0002	<.0001	0.3566	<.0001	0.0533	<.0001	0.7619
	N	1291	1273	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291
% of Students in Migrant Ed	r	-0.1936	-0.2527	0.2387	0.2235	-0.1540	0.0181	-0.1349	-0.1004	0.2608	-0.1081	-0.1447	-0.0993
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.5162	<.0001	0.0003	<.0001	0.0001	<.0001	0.0004
	N	1291	1273	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291
School Characteristic Index	r	0.9434	0.9356	-0.9298	-0.7747	-0.3171	0.0425	0.4949	0.1312	-0.8325	0.0091	0.7776	0.2846
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.1270	<.0001	<.0001	<.0001	0.7443	<.0001	<.0001
	N	1291	1273	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291

Note: Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r-top), its statistical significance (P-middle), and the total number of cases (N-bottom).

**Appendix D**  
**Correlation for Middle Schools (continued)**  
(1291 schools, weighted by the number of tests contributing to API)

	<b>Statistics</b>		% of Teachers with Full Credentials	% of Teachers with Emergency Credentials	Year Round Indicator	% of Pupils First Attending This School in Current Year	Class Size 4 - 6	Core Class Size	% of Grade 2 Enrollment	% of Grades 3-5 Enrollment	% of Grade 6 Enrollment	% of Grades 9-11 Enrollment	% of Students in GATE	% of Students with Disabilities	% of Students in Migrant Ed	School Characteristic Index
<b>API</b>	<b>r</b>	0.4658	-0.4471	-0.2425	-0.5943	0.0677	0.1107	-0.0593	0.0022	-0.0195	-0.0675	0.4760	-0.2927	-0.1936	0.9434	
	<b>p</b>	<.0001	<.0001	<.0001	<.0001	0.0375	<.0001	0.0332	0.9367	0.4833	0.0153	<.0001	<.0001	<.0001	<.0001	
	<b>N</b>	1290	1290	1291	1291	945	1274	1291	1291	1291	1291	1291	1291	1291	1291	
<b>Average Parent Education</b>	<b>r</b>	0.3755	-0.3543	-0.2051	-0.5137	0.0277	0.0649	-0.0408	-0.0257	-0.0122	-0.0244	0.4304	-0.2123	-0.2527	0.9356	
	<b>p</b>	<.0001	<.0001	<.0001	<.0001	0.3986	0.0214	0.1458	0.3599	0.6639	0.3837	<.0001	<.0001	<.0001	<.0001	
	<b>N</b>	1272	1272	1273	1273	931	1256	1273	1273	1273	1273	1273	1273	1273	1273	
<b>% of Pupils Participating in Free or Reduced Lunch</b>	<b>r</b>	-0.4124	0.4281	0.2059	0.5203	-0.0549	-0.1172	0.0648	0.0503	0.0533	0.0852	-0.3758	0.2177	0.2387	-0.9298	
	<b>p</b>	<.0001	<.0001	<.0001	<.0001	0.0917	<.0001	0.0200	0.0710	0.0555	0.0022	<.0001	<.0001	<.0001	<.0001	
	<b>N</b>	1290	1290	1291	1291	945	1274	1291	1291	1291	1291	1291	1291	1291	1291	
<b>% of EL Plus R-FEP</b>	<b>r</b>	-0.3383	0.4433	0.2496	0.2808	-0.0077	-0.0659	0.0604	0.0071	0.0471	0.1024	-0.2631	0.1540	0.2235	-0.7747	
	<b>p</b>	<.0001	<.0001	<.0001	<.0001	0.8138	0.0186	0.0299	0.7981	0.0909	0.0002	<.0001	<.0001	<.0001	<.0001	
	<b>N</b>	1290	1290	1291	1291	945	1274	1291	1291	1291	1291	1291	1291	1291	1291	
<b>% African American (not of Hispanic origin)</b>	<b>r</b>	-0.3868	0.1808	0.0390	0.3681	-0.0112	-0.0550	0.0158	-0.0495	0.0852	0.0138	-0.0962	0.1400	-0.1540	-0.3171	
	<b>p</b>	<.0001	<.0001	0.1618	<.0001	0.7322	0.0498	0.5699	0.0755	0.0022	0.6202	0.0005	<.0001	<.0001	<.0001	
	<b>N</b>	1290	1290	1291	1291	945	1274	1291	1291	1291	1291	1291	1291	1291	1291	
<b>% American Indian or Alaska Native</b>	<b>r</b>	0.1259	-0.1088	-0.0695	0.0539	-0.1153	-0.1125	-0.0031	0.0586	-0.0200	-0.0346	-0.0320	0.1022	0.0181	0.0425	
	<b>p</b>	<.0001	<.0001	0.0125	0.0528	0.0004	<.0001	0.9109	0.0351	0.4725	0.2148	0.2505	0.0002	0.5162	0.1270	
	<b>N</b>	1290	1290	1291	1291	945	1274	1291	1291	1291	1291	1291	1291	1291	1291	
<b>% Asian</b>	<b>r</b>	0.1585	-0.1805	-0.1012	-0.2824	0.0085	0.0358	0.0089	-0.0453	-0.0670	-0.0484	0.3090	-0.1799	-0.1349	0.4949	
	<b>p</b>	<.0001	<.0001	0.0003	<.0001	0.7931	0.2022	0.7482	0.1034	0.0160	0.0824	<.0001	<.0001	<.0001	<.0001	
	<b>N</b>	1290	1290	1291	1291	945	1274	1291	1291	1291	1291	1291	1291	1291	1291	
<b>% Filipino</b>	<b>r</b>	0.0738	-0.0465	-0.0657	-0.0755	0.0443	0.0358	-0.0252	-0.0844	-0.0204	0.0610	0.0957	-0.0257	-0.1004	0.1312	
	<b>p</b>	0.0080	0.0950	0.0182	0.0067	0.1741	0.2019	0.3653	0.0024	0.4647	0.0285	0.0006	0.3566	0.0003	<.0001	
	<b>N</b>	1290	1290	1291	1291	945	1274	1291	1291	1291	1291	1291	1291	1291	1291	
<b>% Hispanic or Latino</b>	<b>r</b>	-0.3341	0.3764	0.2068	0.3647	0.0305	0.0066	0.0383	0.0199	0.0245	0.0782	-0.3460	0.1287	0.2608	-0.8325	
	<b>p</b>	<.0001	<.0001	<.0001	<.0001	0.3495	0.8142	0.1688	0.4760	0.3787	0.0050	<.0001	<.0001	<.0001	<.0001	
	<b>N</b>	1290	1290	1291	1291	945	1274	1291	1291	1291	1291	1291	1291	1291	1291	
<b>% Pacific Islander</b>	<b>r</b>	-0.0269	-0.0507	-0.0735	0.0279	-0.0739	-0.0124	0.0028	-0.0204	-0.0256	-0.0153	-0.0392	0.0538	-0.1081	0.0091	
	<b>p</b>	0.3341	0.0688	0.0082	0.3165	0.0231	0.6575	0.9187	0.4634	0.3584	0.5820	0.1590	0.0533	0.0001	0.7443	
	<b>N</b>	1290	1290	1291	1291	945	1274	1291	1291	1291	1291	1291	1291	1291	1291	
<b>% White (not of Hispanic origin)</b>	<b>r</b>	0.4229	-0.3777	-0.1757	-0.3962	-0.0281	-0.0001	-0.0484	0.0312	-0.0276	-0.0750	0.2570	-0.1130	-0.1447	0.7776	
	<b>p</b>	<.0001	<.0001	<.0001	<.0001	0.3884	0.9963	0.0824	0.2622	0.3221	0.0070	<.0001	<.0001	<.0001	<.0001	
	<b>N</b>	1290	1290	1291	1291	945	1274	1291	1291	1291	1291	1291	1291	1291	1291	
<b>% Multiple or No Response</b>	<b>r</b>	0.1054	-0.2246	-0.1010	-0.1381	-0.0648	-0.0679	-0.0240	-0.0076	0.1139	-0.0479	0.0851	0.0084	-0.0993	0.2846	
	<b>p</b>	0.0002	<.0001	0.0003	<.0001	0.0466	0.0153	0.3885	0.7861	<.0001	0.0854	0.0022	0.7619	0.0004	<.0001	
	<b>N</b>	1290	1290	1291	1291	945	1274	1291	1291	1291	1291	1291	1291	1291	1291	

Note: Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r-top), its statistical significance (P-middle), and the total number of cases (N-bottom).

**Appendix D**  
**Correlation for Middle Schools (continued)**  
**(1291 schools, weighted by the number of tests contributing to API)**

Statistics																
% of Teachers with Full Credentials	r	1	-0.4979	-0.1371	-0.2688	0.0666	0.0549	-0.0432	-0.0185	-0.0984	-0.1065	0.2251	-0.0267	-0.0098	0.5063	
	p		<.0001	<.0001	<.0001	0.0406	0.0503	0.1214	0.5061	0.0004	0.0001	<.0001	0.3375	0.7249	<.0001	
	N	1290	1290	1290	1290	945	1274	1290	1290	1290	1290	1290	1290	1290	1290	
% of Teachers with Emergency Credentials	r	-0.4979	1	0.2829	0.1196	0.0773	-0.0175	0.0826	-0.0403	0.1951	0.1268	-0.0356	0.1893	-0.0189	-0.4531	
	p		<.0001		<.0001	0.0174	0.5324	0.0030	0.1484	<.0001	<.0001	0.2010	<.0001	0.4980	<.0001	
	N	1290	1290	1290	1290	945	1274	1290	1290	1290	1290	1290	1290	1290	1290	
Year Round Indicator	r	-0.1371	0.2829	1	0.1055	0.0039	-0.0054	0.1238	-0.0169	0.0717	0.0804	-0.1187	0.0447	-0.0756	-0.2585	
	p		<.0001	<.0001		0.0001	0.9055	0.8488	<.0001	0.5431	0.0100	0.0038	<.0001	0.1084	0.0066	<.0001
	N	1290	1290	1291	1291	945	1274	1291	1291	1291	1291	1291	1291	1291	1291	
% of Pupils First Attending This School in Current Year	r	-0.2688	0.1196	0.1055	1	-0.0425	-0.0489	0.0422	0.0062	-0.0819	-0.0056	-0.3946	0.2219	0.0745	-0.6299	
	p		<.0001	<.0001	0.0001		0.1919	0.0813	0.1298	0.8236	0.0032	0.8401	<.0001	<.0001	0.0074	<.0001
	N	1290	1290	1291	1291	945	1274	1291	1291	1291	1291	1291	1291	1291	1291	
Class Size 4 - 6	r	0.0666	0.0773	0.0039	-0.0425	1	0.6196	-0.0303	-0.0730	0.1325	-0.1036	0.1414	-0.0411	-0.1080	0.0463	
	p		0.0406	0.0174	0.9055	0.1919		<.0001	0.3529	0.0248	<.0001	0.0014	<.0001	0.2066	0.0009	0.1546
	N	945	945	945	945	945	932	945	945	945	945	945	945	945	945	
Core Class Size	r	0.0549	-0.0175	-0.0054	-0.0489	0.6196	1	-0.0159	-0.0443	0.0090	-0.1297	0.1174	-0.1157	-0.1660	0.0994	
	p		0.0503	0.5324	0.8488	0.0813	<.0001		0.5716	0.1143	0.7486	<.0001	<.0001	<.0001	<.0001	0.0004
	N	1274	1274	1274	1274	932	1274	1274	1274	1274	1274	1274	1274	1274	1274	
% of Grade 2 Enrollment	r	-0.0432	0.0826	0.1238	0.0422	-0.0303	-0.0159	1	0.2422	-0.0432	0.2284	-0.0481	0.0026	-0.0173	-0.0519	
	p		0.1214	0.0030	<.0001	0.1298	0.3529	0.5716		<.0001	0.1205	<.0001	0.0842	0.9264	0.5336	0.0626
	N	1290	1290	1291	1291	945	1274	1291	1291	1291	1291	1291	1291	1291	1291	
% of Grades 3-5 Enrollment	r	-0.0185	-0.0403	-0.0169	0.0062	-0.0730	-0.0443	0.2422	1	0.0036	0.0324	-0.0734	-0.0755	0.0493	0.0079	
	p		0.5061	0.1484	0.5431	0.8236	0.0248	0.1143	<.0001		0.8961	0.2442	0.0083	0.0067	0.0768	0.7759
	N	1290	1290	1291	1291	945	1274	1291	1291	1291	1291	1291	1291	1291	1291	
% of Grade 6 Enrollment	r	-0.0984	0.1951	0.0717	-0.0819	0.1325	0.0090	-0.0432	0.0036	1	-0.1148	0.0432	0.1000	-0.0455	-0.0195	
	p		0.0004	<.0001	0.0100	0.0032	<.0001	0.7486	0.1205	0.8961		<.0001	0.1210	0.0003	0.1019	0.4834
	N	1290	1290	1291	1291	945	1274	1291	1291	1291	1291	1291	1291	1291	1291	
% of Grades 9-11 Enrollment	r	-0.1065	0.1268	0.0804	-0.0056	-0.1036	-0.1297	0.2284	0.0324	-0.1148	1	-0.0315	-0.0089	0.0191	-0.0727	
	p		0.0001	<.0001	0.0038	0.8401	0.0014	<.0001	<.0001	0.2442	<.0001		0.2582	0.7506	0.4939	0.0090
	N	1290	1290	1291	1291	945	1274	1291	1291	1291	1291	1291	1291	1291	1291	
% of Students in GATE	r	0.2251	-0.0356	-0.1187	-0.3946	0.1414	0.1174	-0.0481	-0.0734	0.0432	-0.0315	1	-0.1486	-0.0597	0.5005	
	p		<.0001	0.2010	<.0001	<.0001	<.0001	<.0001	0.0842	0.0083	0.1210	0.2582		<.0001	0.0320	<.0001
	N	1290	1290	1291	1291	945	1274	1291	1291	1291	1291	1291	1291	1291	1291	
% of Students with Disabilities	r	-0.0267	0.1893	0.0447	0.2219	-0.0411	-0.1157	0.0026	-0.0755	0.1000	-0.0089	-0.1486	1	-0.0498	-0.3158	
	p		0.3375	<.0001	0.1084	<.0001	0.2066	<.0001	0.9264	0.0067	0.0003	0.7506	<.0001	0.0736	<.0001	
	N	1290	1290	1291	1291	945	1274	1291	1291	1291	1291	1291	1291	1291	1291	
% of Students in Migrant Ed	r	-0.0098	-0.0189	-0.0756	0.0745	-0.1080	-0.1660	-0.0173	0.0493	-0.0455	0.0191	-0.0597	-0.0498	1	-0.1951	
	p		0.7249	0.4980	0.0066	0.0074	0.0009	<.0001	0.5336	0.0768	0.1019	0.4939	0.0320	0.0736	<.0001	
	N	1290	1290	1291	1291	945	1274	1291	1291	1291	1291	1291	1291	1291	1291	
School Characteristic Index	r	0.5063	-0.4531	-0.2585	-0.6299	0.0463	0.0994	-0.0519	0.0079	-0.0195	-0.0727	0.5005	-0.3158	-0.1951	1	
	p		<.0001	<.0001	<.0001	<.0001	0.1546	0.0004	0.0626	0.7759	0.4834	0.0090	<.0001	<.0001	<.0001	
	N	1290	1290	1291	1291	945	1274	1291	1291	1291	1291	1291	1291	1291	1291	

Note: Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r-top), its statistical significance (P-middle), and the total number of cases (N-bottom).

**Appendix D**  
**Correlation for High Schools**  
**(1094 schools, weighted by the number of tests contributing to API)**

	Statistics	API	Average Parent Education	% of Pupils Participating in Free or Reduced Lunch	% of EL Plus R-FEP	% African American (not of Hispanic origin)	% American Indian or Alaska Native	% Asian	% Filipino	% Hispanic or Latino	% Pacific Islander	% White (not of Hispanic origin)	% Multiple or No Response
<b>API</b>	r	1	0.8452	-0.7934	-0.6535	-0.3355	0.0471	0.4327	0.0777	-0.7447	-0.0243	0.6580	0.1146
	p		<.0001	<.0001	<.0001	<.0001	0.1198	<.0001	0.0102	<.0001	0.4221	<.0001	0.0001
	N	1094	1090	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094
<b>Average Parent Education</b>	r	0.8452	1	-0.8523	-0.7700	-0.1365	0.0917	0.3345	0.1232	-0.8349	0.0405	0.7176	0.1763
	p	<.0001		<.0001	<.0001	<.0001	0.0024	<.0001	<.0001	<.0001	0.1816	<.0001	<.0001
	N	1090	1090	1090	1090	1090	1090	1090	1090	1090	1090	1090	1090
<b>% of Pupils Participating in Free or Reduced Lunch</b>	r	-0.7934	-0.8523	1.0000	0.8303	0.2350	-0.1124	-0.2086	-0.1280	0.7870	-0.0397	-0.7631	-0.2202
	p	<.0001	<.0001		<.0001	<.0001	0.0002	<.0001	<.0001	<.0001	0.1890	<.0001	<.0001
	N	1094	1090	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094
<b>% of EL Plus R-FEP</b>	r	-0.6535	-0.7700	0.8303	1	-0.0036	-0.2420	-0.0252	-0.0326	0.8004	-0.0486	-0.7928	-0.2881
	p	<.0001	<.0001	<.0001		0.9055	<.0001	0.4055	0.2808	<.0001	0.1082	<.0001	<.0001
	N	1094	1090	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094
<b>% African American (not of Hispanic origin)</b>	r	-0.3355	-0.1365	0.2350	-0.0036	1	-0.0956	-0.0567	0.1346	-0.0196	0.2754	-0.3340	0.0328
	p	<.0001	<.0001	<.0001	0.9055		0.0015	0.0609	<.0001	0.5183	<.0001	<.0001	0.2788
	N	1094	1090	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094
<b>% American Indian or Alaska Native</b>	r	0.0471	0.0917	-0.1124	-0.2420	-0.0956	1	-0.0612	-0.0833	-0.2394	0.0186	0.2644	0.1060
	p	0.1198	0.0024	0.0002	<.0001	0.0015		0.0431	0.0058	<.0001	0.5390	<.0001	0.0004
	N	1094	1090	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094
<b>% Asian</b>	r	0.4327	0.3345	-0.2086	-0.0252	-0.0567	-0.0612	1	0.1944	-0.4053	0.1036	-0.1051	-0.0705
	p	<.0001	<.0001	<.0001	0.4055	0.0609	0.0431		<.0001	<.0001	0.0006	0.0005	0.0196
	N	1094	1090	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094
<b>% Filipino</b>	r	0.0777	0.1232	-0.1280	-0.0326	0.1346	-0.0833	0.1944	1	-0.1456	0.3550	-0.1749	-0.0559
	p	0.0102	<.0001	<.0001	0.2808	<.0001	0.0058	<.0001		<.0001	<.0001	<.0001	0.0645
	N	1094	1090	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094
<b>% Hispanic or Latino</b>	r	-0.7447	-0.8349	0.7870	0.8004	-0.0196	-0.2394	-0.4053	-0.1456	1	-0.1590	-0.7776	-0.2564
	p	<.0001	<.0001	<.0001	<.0001	0.5183	<.0001	<.0001	<.0001		<.0001	<.0001	<.0001
	N	1094	1090	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094
<b>% Pacific Islander</b>	r	-0.0243	0.0405	-0.0397	-0.0486	0.2754	0.0186	0.1036	0.3550	-0.1590	1	-0.0843	0.0559
	p	0.4221	0.1816	0.1890	0.1082	<.0001	0.5390	0.0006	<.0001	<.0001		0.0053	0.0647
	N	1094	1090	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094
<b>% White (not of Hispanic origin)</b>	r	0.6580	0.7176	-0.7631	-0.7928	-0.3340	0.2644	-0.1051	-0.1749	-0.7776	-0.0843	1	0.2363
	p	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.0005	<.0001	<.0001	0.0053		<.0001
	N	1094	1090	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094
<b>% Multiple or No Response</b>	r	0.1146	0.1763	-0.2202	-0.2881	0.0328	0.1060	-0.0705	-0.0559	-0.2564	0.0559	0.2363	1
	p	0.0001	<.0001	<.0001	<.0001	0.2788	0.0004	0.0196	0.0645	<.0001	0.0647	<.0001	
	N	1094	1090	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094

**Note:** Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r-top), its statistical significance (P-middle), and the total number of cases (N-bottom).

**Appendix D**  
**Correlation for High Schools (continued)**  
**(1094 schools, weighted by the number of tests contributing to API)**

	Statistics	API	Average Parent Education	% of Pupils Participating in Free or Reduced Lunch	% of EL Plus R-FEP	% African American (not of Hispanic origin)	% American Indian or Alaska Native	% Asian	% Filipino	% Hispanic or Latino	% Pacific Islander	% White (not of Hispanic origin)	% Multiple or No Response
% of Teachers with Full Credentials	r	0.4496	0.3818	-0.4162	-0.3127	-0.3704	0.1487	0.1846	0.0767	-0.3809	0.0770	0.4117	0.0175
	p	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.0111	<.0001	0.0108	<.0001	0.5638
	N	1094	1090	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094
% of Teachers with Emergency Credentials	r	-0.4637	-0.3753	0.4425	0.4529	0.1630	-0.1087	-0.1849	-0.0683	0.4034	-0.1131	-0.3585	-0.1132
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.0003	<.0001	0.0238	<.0001	0.0002	<.0001	0.0002
	N	1094	1090	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094
Year Round Indicator	r	-0.2974	-0.2419	0.2876	0.3537	-0.0711	-0.0703	-0.1085	-0.0585	0.2853	-0.1378	-0.1939	-0.1084
	p	<.0001	<.0001	<.0001	<.0001	0.0186	0.0201	0.0003	0.0532	<.0001	<.0001	<.0001	0.0003
	N	1094	1090	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094
% of Pupils First Attending This School in Current Year	r	-0.4762	-0.3407	0.2924	0.1434	0.2180	0.0392	-0.2167	-0.0535	0.2434	0.0444	-0.2234	0.1174
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.1957	<.0001	0.0770	<.0001	0.1420	<.0001	<.0001
	N	1094	1090	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094
Core Class Size	r	0.0544	0.0109	-0.0031	0.0349	0.0104	-0.1912	0.0397	0.0574	0.0941	0.0538	-0.1142	-0.1733
	p	0.0784	0.7257	0.9215	0.2585	0.7366	<.0001	0.1995	0.0634	0.0023	0.0820	0.0002	<.0001
	N	1048	1044	1048	1048	1048	1048	1048	1048	1048	1048	1048	1048
% of Grade 2 Enrollment	r	-0.0273	0.0576	-0.0745	-0.1311	-0.0199	0.1164	-0.0549	-0.0486	-0.1068	-0.0024	0.1352	0.2447
	p	0.3674	0.0572	0.0138	<.0001	0.5099	0.0001	0.0696	0.1081	0.0004	0.9371	<.0001	<.0001
	N	1094	1090	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094
% of Grades 3-5 Enrollment	r	-0.0102	0.0659	-0.0698	-0.1273	-0.0203	0.1110	-0.0508	-0.0461	-0.1061	-0.0062	0.1340	0.2218
	p	0.7359	0.0295	0.0209	<.0001	0.5016	0.0002	0.0929	0.1275	0.0004	0.8388	<.0001	<.0001
	N	1094	1090	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094
% of Grade 6 Enrollment	r	0.0352	0.0610	-0.0135	-0.0756	0.0672	0.0446	-0.0348	-0.0320	-0.0766	-0.0133	0.0690	0.1578
	p	0.2443	0.0440	0.6545	0.0124	0.0262	0.1400	0.2497	0.2907	0.0113	0.6614	0.0225	<.0001
	N	1094	1090	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094
% of Grades 7-8 Enrollment	r	0.0773	0.0913	-0.0241	-0.0970	0.0575	0.0370	-0.0100	0.0032	-0.0854	0.0114	0.0650	0.1132
	p	0.0105	0.0026	0.4253	0.0013	0.0571	0.2213	0.7424	0.9170	0.0047	0.7076	0.0316	0.0002
	N	1094	1090	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094
% of Students in GATE	r	0.4500	0.3726	-0.3184	-0.1934	-0.1275	0.0021	0.2844	0.0808	-0.2985	0.0040	0.1971	0.0097
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.9460	<.0001	0.0075	<.0001	0.8948	<.0001	0.7497
	N	1094	1090	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094
% of Students with Disabilities	r	-0.3602	-0.2575	0.2130	0.1626	0.1355	-0.0330	-0.2069	-0.0597	0.1927	0.0575	-0.1291	-0.0621
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.2761	<.0001	0.0485	<.0001	0.0574	<.0001	0.4040
	N	1094	1090	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094
% of Students in Migrant Ed	r	-0.2203	-0.2909	0.2764	0.2705	-0.1621	-0.0224	-0.1449	-0.0972	0.3233	-0.1245	-0.1803	-0.0921
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.4586	<.0001	0.0013	<.0001	<.0001	<.0001	0.0023
	N	1094	1090	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094
School Characteristic Index	r	0.9335	0.8992	-0.8533	-0.7015	-0.3609	0.0392	0.4656	0.0761	-0.8007	-0.0297	0.7090	0.1292
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.1952	<.0001	0.0118	<.0001	0.3265	<.0001	<.0001
	N	1094	1090	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094

Note: Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r-top), its statistical significance (P-middle), and the total number of cases (N-bottom).

**Appendix D**  
**Correlation for High Schools (continued)**  
**(1094 schools, weighted by the number of tests contributing to API)**

		Statistics	% of Teachers with Full Credentials	% of Teachers with Emergency Credentials	Year Round Indicator	% of Pupils First Attending This School in Current Year	Core Class Size	% of Grade 2 Enrollment	% of Grades 3-5 Enrollment	% of Grade 6 Enrollment	% of Grades 7-8 Enrollment	% of Students in GATE	% of Students with Disabilities	% of Students in Migrant Ed	School Characteristic Index
API	r	0.4496	-0.4637	-0.2974	-0.4762	0.0544	-0.0273	-0.0102	0.0352	0.0773	0.4500	-0.3602	-0.2203	0.9335	
	p	<.0001	<.0001	<.0001	<.0001	0.0784	0.3674	0.7359	0.2443	0.0105	<.0001	<.0001	<.0001	<.0001	
	N	1094	1094	1094	1094	1048	1094	1094	1094	1094	1094	1094	1094	1094	
Average Parent Education	r	0.3818	-0.3753	-0.2419	-0.3407	0.0109	0.0576	0.0659	0.0610	0.0913	0.3726	-0.2575	-0.2909	0.8992	
	p	<.0001	<.0001	<.0001	<.0001	0.7257	0.0572	0.0295	0.0440	0.0026	<.0001	<.0001	<.0001	<.0001	
	N	1090	1090	1090	1090	1044	1090	1090	1090	1090	1090	1090	1090	1090	
% of Pupils Participating in Free or Reduced	r	-0.4162	0.4425	0.2876	0.2924	-0.0031	-0.0745	-0.0698	-0.0135	-0.0241	-0.3184	0.2130	0.2764	-0.8533	
	p	<.0001	<.0001	<.0001	<.0001	0.9215	0.0138	0.0209	0.6545	0.4253	<.0001	<.0001	<.0001	<.0001	
	N	1094	1094	1094	1094	1048	1094	1094	1094	1094	1094	1094	1094	1094	
% of EL Plus R-FEP	r	-0.3127	0.4529	0.3537	0.1434	0.0349	-0.1311	-0.1273	-0.0756	-0.0970	-0.1934	0.1626	0.2705	-0.7015	
	p	<.0001	<.0001	<.0001	<.0001	0.2585	<.0001	<.0001	0.0124	0.0013	<.0001	<.0001	<.0001	<.0001	
	N	1094	1094	1094	1094	1048	1094	1094	1094	1094	1094	1094	1094	1094	
% African American (not of Hispanic origin)	r	-0.3704	0.1630	-0.0711	0.2180	0.0104	-0.0199	-0.0203	0.0672	0.0575	-0.1275	0.1355	-0.1621	-0.3609	
	p	<.0001	<.0001	0.0186	<.0001	0.7366	0.5099	0.5016	0.0262	0.0571	<.0001	<.0001	<.0001	<.0001	
	N	1094	1094	1094	1094	1048	1094	1094	1094	1094	1094	1094	1094	1094	
% American Indian or Alaska Native	r	0.1487	-0.1087	-0.0703	0.0392	-0.1912	0.1164	0.1110	0.0446	0.0370	0.0021	-0.0330	-0.0224	0.0392	
	p	<.0001	0.0003	0.0201	0.1957	<.0001	0.0001	0.0002	0.1400	0.2213	0.9460	0.2761	0.4586	0.1952	
	N	1094	1094	1094	1094	1048	1094	1094	1094	1094	1094	1094	1094	1094	
% Asian	r	0.1846	-0.1849	-0.1085	-0.2167	0.0397	-0.0549	-0.0508	-0.0348	-0.0100	0.2844	-0.2069	-0.1449	0.4656	
	p	<.0001	<.0001	0.0003	<.0001	0.1995	0.0696	0.0929	0.2497	0.7424	<.0001	<.0001	<.0001	<.0001	
	N	1094	1094	1094	1094	1048	1094	1094	1094	1094	1094	1094	1094	1094	
% Filipino	r	0.0767	-0.0683	-0.0585	-0.0535	0.0574	-0.0486	-0.0461	-0.0320	0.0032	0.0808	-0.0597	-0.0972	0.0761	
	p	0.0111	0.0238	0.0532	0.0770	0.0634	0.1081	0.1275	0.2907	0.9170	0.0075	0.0485	0.0013	0.0118	
	N	1094	1094	1094	1094	1048	1094	1094	1094	1094	1094	1094	1094	1094	
% Hispanic or Latino	r	-0.3809	0.4034	0.2853	0.2434	0.0941	-0.1068	-0.1061	-0.0766	-0.0854	-0.2985	0.1927	0.3233	-0.8007	
	p	<.0001	<.0001	<.0001	<.0001	0.0023	0.0004	0.0004	0.0113	0.0047	<.0001	<.0001	<.0001	<.0001	
	N	1094	1094	1094	1094	1048	1094	1094	1094	1094	1094	1094	1094	1094	
% Pacific Islander	r	0.0770	-0.1131	-0.1378	0.0444	0.0538	-0.0024	-0.0062	-0.0133	0.0114	0.0040	0.0575	-0.1245	-0.0297	
	p	0.0108	0.0002	<.0001	0.1420	0.0820	0.9371	0.8388	0.6614	0.7076	0.8948	0.0574	<.0001	0.3265	
	N	1094	1094	1094	1094	1048	1094	1094	1094	1094	1094	1094	1094	1094	
% White (not of Hispanic origin)	r	0.4117	-0.3585	-0.1939	-0.2234	-0.1142	0.1352	0.1340	0.0690	0.0650	0.1971	-0.1291	-0.1803	0.7090	
	p	<.0001	<.0001	<.0001	<.0001	0.0002	<.0001	<.0001	0.0225	0.0316	<.0001	<.0001	<.0001	<.0001	
	N	1094	1094	1094	1094	1048	1094	1094	1094	1094	1094	1094	1094	1094	
% Multiple or No Response	r	0.0175	-0.1132	-0.1084	0.1174	-0.1733	0.2447	0.2218	0.1578	0.1132	0.0097	-0.0621	-0.0921	0.1292	
	p	0.5638	0.0002	0.0003	<.0001	<.0001	<.0001	<.0001	<.0001	0.0002	0.7497	0.0400	0.0023	<.0001	
	N	1094	1094	1094	1094	1048	1094	1094	1094	1094	1094	1094	1094	1094	

Note: Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r-top), its statistical significance (P-middle), and the total number of cases (N-bottom).

**Appendix D**  
**Correlation for High Schools (continued)**  
**(1094 schools, weighted by the number of tests contributing to API)**

		Statistics	% of Teachers with Full Credentials	% of Teachers with Emergency Credentials	Year Round Indicator	% of Pupils First Attending This School in Current Year	Core Class Size	% of Grade 2 Enrollment	% of Grades 3-5 Enrollment	% of Grade 6 Enrollment	% of Grades 7-8 Enrollment	% of Students in GATE	% of Students with Disabilities	% of Students in Migrant Ed	School Characteristic Index
% of Teachers with Full Credentials	r	1	-0.5045	-0.0753	-0.2268	0.0144	0.0514	0.0534	-0.0759	-0.0453	0.2679	-0.0490	-0.0783	0.4908	
	p		<.0001	0.0128	<.0001	0.6423	0.0890	0.0775	0.0120	0.1342	<.0001	0.1054	0.0096	<.0001	
	N	1094	1094	1094	1094	1048	1094	1094	1094	1094	1094	1094	1094	1094	
% of Teachers with Emergency Credentials	r	-0.5045	1	0.3797	0.1446	-0.0602	-0.0408	-0.0252	0.0102	-0.0230	-0.0653	0.1707	0.0188	-0.4623	
	p	<.0001		<.0001	<.0001	0.0515	0.1779	0.4052	0.7368	0.4478	0.0309	<.0001	0.5350	<.0001	
	N	1094	1094	1094	1094	1048	1094	1094	1094	1094	1094	1094	1094	1094	
Year Round Indicator	r	-0.0753	0.3797	1	0.1194	-0.0636	-0.0217	-0.0223	-0.0272	-0.0330	-0.1010	0.1432	-0.0553	-0.3084	
	p	0.0128	<.0001		<.0001	0.0394	0.4730	0.4620	0.3681	0.2749	0.0008	<.0001	0.0677	<.0001	
	N	1094	1094	1094	1094	1048	1094	1094	1094	1094	1094	1094	1094	1094	
% of Pupils First Attending This School in Current Year	r	-0.2268	0.1446	0.1194	1	-0.1482	0.2995	0.2789	0.1335	0.1640	-0.3108	0.0709	-0.0065	-0.5105	
	p	<.0001	<.0001	<.0001		<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.0191	0.8290	<.0001	
	N	1094	1094	1094	1094	1048	1094	1094	1094	1094	1094	1094	1094	1094	
Core Class Size	r	0.0144	-0.0602	-0.0636	-0.1482	1	-0.3464	-0.3073	-0.1828	-0.1221	0.0961	0.0230	-0.1309	0.0499	
	p	0.6423	0.0515	0.0394	<.0001		<.0001	<.0001	<.0001	<.0001	0.0018	0.4573	<.0001	0.1068	
	N	1048	1048	1048	1048	1048	1048	1048	1048	1048	1048	1048	1048	1048	
% of Grade 2 Enrollment	r	0.0514	-0.0408	-0.0217	0.2995	-0.3464	1	0.9246	0.5178	0.3423	-0.1217	-0.1358	-0.0425	-0.0305	
	p	0.0890	0.1779	0.4730	<.0001	<.0001		<.0001	<.0001	<.0001	<.0001	<.0001	0.1602	0.3140	
	N	1094	1094	1094	1094	1048	1094	1094	1094	1094	1094	1094	1094	1094	
% of Grades 3-5 Enrollment	r	0.0534	-0.0252	-0.0223	0.2789	-0.3073	0.9246	1	0.5723	0.3775	-0.0743	-0.1405	-0.0446	-0.0127	
	p	0.0775	0.4052	0.4620	<.0001	<.0001	<.0001		<.0001	<.0001	0.0140	<.0001	0.1402	0.6739	
	N	1094	1094	1094	1094	1048	1094	1094	1094	1094	1094	1094	1094	1094	
% of Grade 6 Enrollment	r	-0.0759	0.0102	-0.0272	0.1335	-0.1828	0.5178	0.5723	1	0.5976	0.0061	-0.1714	-0.0530	0.0255	
	p	0.0120	0.7368	0.3681	<.0001	<.0001	<.0001	<.0001		<.0001	0.8415	<.0001	0.0797	0.3998	
	N	1094	1094	1094	1094	1048	1094	1094	1094	1094	1094	1094	1094	1094	
% of Grades 7-8 Enrollment	r	-0.0453	-0.0230	-0.0330	0.1640	-0.1221	0.3423	0.3775	0.5976	1	0.0309	-0.1616	-0.0493	0.0807	
	p	0.1342	0.4478	0.2749	<.0001	<.0001	<.0001	<.0001	<.0001		0.3072	<.0001	0.1035	0.0075	
	N	1094	1094	1094	1094	1048	1094	1094	1094	1094	1094	1094	1094	1094	
% of Students in GATE	r	0.2679	-0.0653	-0.1010	-0.3108	0.0961	-0.1217	-0.0743	0.0061	0.0309	1	-0.1367	-0.0913	0.4804	
	p	<.0001	0.0309	0.0008	<.0001	0.0018	<.0001	0.0140	0.8415	0.3072		<.0001	0.0025	<.0001	
	N	1094	1094	1094	1094	1048	1094	1094	1094	1094	1094	1094	1094	1094	
% of Students with Disabilities	r	-0.0490	0.1707	0.1432	0.0709	0.0230	-0.1358	-0.1405	-0.1714	-0.1616	-0.1367	1	-0.0588	-0.3847	
	p	0.1054	<.0001	<.0001	0.0191	0.4573	<.0001	<.0001	<.0001	<.0001		0.0520	<.0001		
	N	1094	1094	1094	1094	1048	1094	1094	1094	1094	1094	1094	1094	1094	
% of Students in Migrant Ed	r	-0.0783	0.0188	-0.0553	-0.0065	-0.1309	-0.0425	-0.0446	-0.0530	-0.0493	-0.0913	-0.0588	1	-0.2413	
	p	0.0096	0.5350	0.0677	0.8290	<.0001	0.1602	0.1402	0.0797	0.1035	0.0025	0.0520		<.0001	
	N	1094	1094	1094	1094	1048	1094	1094	1094	1094	1094	1094	1094	1094	
School Characteristic Index	r	0.4908	-0.4623	-0.3084	-0.5105	0.0499	-0.0305	-0.0127	0.0255	0.0807	0.4804	-0.3847	-0.2413	1	
	p	<.0001	<.0001	<.0001	<.0001	0.1068	0.3140	0.6739	0.3998	0.0075	<.0001	<.0001	<.0001		
	N	1094	1094	1094	1094	1048	1094	1094	1094	1094	1094	1094	1094	1094	

Note: Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r-top), its statistical significance (P-middle), and the total number of cases (N-bottom).